



4. The method as claimed in one of claims 1 to 3, wherein the space-related planning data are represented as one- or multi-dimensional features and/or parameters and are kept stored in a database.
5. The method as claimed in one of claims 1 to 4, wherein the space-related and network-related reference data are kept stored in a database and are represented as one- or multi-dimensional features and/or parameters.
6. The method as claimed in one of claims 1 to 5, wherein, without necessary human intervention, for a mobile radio telephone network or subnetwork (N1) to be planned on a geographic area (1) a real or abstract mobile radio telephone network or subnetwork (N2) on a real or abstract geographic area (6) is changed in the space-related parameters, site coordinates and antenna main beam directions and on the geographic area (1) is substituted in the subnetwork (N1) to be planned by coordinate transformation of the geographic longitude, latitude and rotation with respect to the zero meridian at the precise instant when the features of the space-related data of the geographic areas (1) and (6) are equal or are said to be equal in accordance with a particular criterion.

### Key to figures

Fig. 1

- |   |                    |
|---|--------------------|
| 1 | Reference data     |
| 2 | Space-related data |
| 3 | Network data       |
| 2 | Space-related data |
| 3 | Network data       |
| 4 | <b>Operations</b>  |
| 5 | Planning data      |
| 6 | (Stage 1)          |
| 7 | Network design     |
| 8 | (Stage 2)          |

Fig. 2

- |   |  |
|---|--|
| 1 | Storage medium   |
| 2 | Space-related planning data $r_p$<br>of planning area A1 |
| 1 | Storage medium   |
| 3 | Space-related reference data<br>$r_1 - r_n$              |
| 1 | Storage medium   |
| 4 | Reference network data<br>$Nr_1 - Nr_n$                  |
| 5 | Calculating base of the programs                         |
| 6 | Operations   |
| 1 | Storage medium   |

7                      Network design N1 for  
                         planning area A1

Fig. 3

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1      Space-related reference data r1 to rn
2      Calculating features Mr1 to Mrn
3      Reading space-related planning data rp
4      Calculating feature Mp
5      Calculating Mri with shortest distance to Mp
6      Reading reference network Nri
7      Transforming site coordination, Nri > NP
8      Transforming main beam directions, Nri > Np
9      Outputting Np, outputting quality level

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[illegible]